

**Europäisches Patentamt** 

**European Patent Office** 

Office européen des brevets



EP 0 761 209 A3 (11)

(12)

## **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3: 04.02.1998 Bulletin 1998/06

(51) Int. Cl.<sup>6</sup>: **A61K 9/22**, A61K 9/52, A61K 31/34

(43) Date of publication A2: 12.03.1997 Bulletin 1997/11

(21) Application number: 96100278.9

(22) Date of filing: 10.01.1996

(84) Designated Contracting States: CH DE ES FR GB IE IT LI NL

(30) Priority: 01.09.1995 US 522843

(71) Applicant: J.B. Chemicals & Pharmaceuticals Ltd. Worli, Bombay 400 025 (IN)

(72) Inventors:

 Mody, Shirish Bhagwanlal Bombay 400 006 Maharashtra (IN) · Doshi, Madhukant Mansukhlal Dr. Bombay 400 077, Maharashtra (IN)

· Joshi, Milind Dattatraya Dr. Thane 400 604, Maharashtra (IN)

(74) Representative:

Weber, Dieter, Dr. et al Weber, Dieter, Dr., Seiffert, Klaus, Dipl.-Phys., Lieke, Winfried, Dr., Gustav-Freytag-Strasse 25 65189 Wiesbaden (DE)

## (54)Controlled release formulations of ranitidine

(57)In oral formulations in form of coated tablets or capsules of the therapeutically active drug Ranitidine Hydrochloride, designed or intended to provide release of the active drug in a controlled manner over longer periods and containing pharmacologically acceptable dose of Ranitidine Hydrochloride blended with specified polymers, the quantity of the specified polymer is within the ratio of 0.2: 1.2 with the quantity of the active drug, Ranitidine Hydrochloride.



## **EUROPEAN SEARCH REPORT**

Application Number EP 96 10 0278

Category		dication, where appropriate,	Relevant	CLASSIFICATION OF THE APPLICATION (Int.Ci.6)	
	of relevant passa		to claim	<del>                                     </del>	(INLUI.6)
Х	US 5 407 687 A (COF * abstract *	FIN MARK D ET AL)	9-11	A61K9/22 A61K9/52 A61K31/34	ļ
Υ	* column 2, line 49		4,5,8, 12-14	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	* column 3, line 46 * column 3, line 34 * examples 1,3 *				
х	WO 92 10173 A (SMIT * page 2, line 7 *	HKLINE BEECHAM CORP)	1-3		
Υ	* page 3, line 28 - * page 7, line 13 - * page 8, line 6 * * claim 4 *	line 30 * line 23 *	13		
Υ	EP 0 446 753 A (VEC * page 3, line 20 - * page 4, line 20 - * page 5, line 16 *	line 48 * line 57 *	8,12,14		
	* claim 2 *			TECHNICAL I SEARCHED	FIELDS (Int.Cl.6)
Υ	EP 0 661 045 A (YAM. * page 3, line 22 - * page 13, line 2 -	ANOUCHI PHARMA CO LTD line 40 * line 25 * 	) 4,5	A61K	
	The present search report has b	peen drawn up for all claims			
	Place of search	Date of completion of the search		Examiner	
	THE HAGUE	9 December 199	7   La	Gaetana, F	<b>}</b>
X : parti Y : parti docu A : tech	ATEGORY OF CITED DOCUMENTS oularly relevant if taken alone oularly relevant if combined with anoth ment of the same category notogical background	E : earlier patent after the filing er D : document cit L : document cit	oiple underlying the is document, but public date ad in the application ad for other reasons	shed on, or	
	written disclosure mediate document	ä : member of th document	e same patent family	, corresponding	